

## **ABSTRACT**

This invention relates to novel human organic anion transporter polypeptides and genes encoding such polypeptides. The invention is directed towards the isolation, characterization and  
5 use of human organic anion transporter polypeptides for pharmacological screening of substrates, analogues of substrates, and modulators of human organic anion proteins. This invention also provides cell cultures, which stably contain nucleic acid sequences encoding human organic anion transport polypeptides. Such cell lines are useful for screening compounds *in vitro* to  
10 identify and characterize modulators, inhibitors and substrates of human organic anion transporter polypeptides.